

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-17. (Canceled)

18. (New) A melody sound reproducing unit comprising:

an input unit which inputs melody data;

a controller which shifts a scale of melody data inputted by the input unit when a frequency of the inputted melody data is not in a predetermined range;

a memory which stores melody data inputted by the input unit when a frequency of the inputted melody data is in the predetermined range, and stores melody data shifted by the controller when the frequency of the inputted melody data is not in the predetermined range;

a signal generator for generating an audio signal based on melody data stored in the memory; and

a speaker for outputting an audio signal generated by the signal generator.

19. (New) The melody sound reproducing unit according to claim 18, wherein the predetermined range is a range between a first and a second frequency.

20. (New) The melody sound reproducing unit according to claim 19, wherein the first frequency is 400 Hz and the second frequency is 8 kHz.

21. (New) The melody sound reproducing unit according to claim 18, wherein the melody data includes a first tone data and a second tone data, and wherein the signal generator generates a first audio signal corresponding to the first tone data and a second audio signal corresponding to the second tone data with predetermined timing.

22. (New) The melody sound reproducing unit according to claim 21, wherein the first audio signal and the second audio signal form a chord relation in intervals and scales with each other.

23. (New) A melody sound reproducing unit comprising:
an input unit which inputs melody data;
a controller which changes a melody data inputted by the input unit into a melody data whose frequency is in a range between a first frequency and a second frequency when a frequency of the inputted melody data is not in the range;
a memory which stores melody data inputted by the input unit when a frequency of the inputted melody data is in the range, and stores melody data shifted by the controller when the frequency of the inputted melody data is not in the range;
a signal generator for generating an audio signal based on melody data stored in the memory; and
a speaker for outputting an audio signal generated by the signal generator.

24. (New) The melody sound reproducing unit according to claim 23, wherein the first frequency is 400 Hz and the second frequency is 8 kHz.

25. (New) A melody sound recording method, said method comprising:
inputting melody data;
determining whether a frequency of the inputted melody data is in a predetermined range;
shifting a scale of inputted melody data when the frequency of the inputted melody data is not in the predetermined range;
storing the inputted melody data when the frequency of the inputted melody data is in the predetermined range, and storing melody data whose scale is shifted when the frequency of the inputted melody data is not in the predetermined range;
generating an audio signal based on stored melody data; and
outputting generated audio signal.

26. (New) The melody sound recording method according to claim 25, wherein the predetermined range is a range between a first and a second frequency.

27. (New) The melody sound recording method according to claim 26, wherein the first frequency is 400 Hz and the second frequency is 8 kHz.

28. (New) The melody sound recording method according to claim 25, wherein the melody data includes a first tone data and a second tone data, and wherein a first audio signal corresponding to the first tone data and a second audio signal corresponding to the second tone data are generated with predetermined timing.

29. (New) The melody sound recording method according to claim 28, wherein the first audio signal and the second audio signal form a chord relation in intervals and scales with each other.

30. (New) A melody sound recording method, said method comprising:
inputting melody data;
changing the inputted melody data to melody data whose frequency is in a range between a first frequency and a second frequency when the frequency of the inputted melody data is not in the range;
storing the inputted melody data when the frequency of the inputted melody data is in the range, and storing melody data whose scale is shifted when the frequency of the inputted melody data is not in the range;
generating an audio signal based on stored melody data; and
outputting generated audio signal.

31. (New) The melody sound recording method according to claim 30, wherein the first frequency is 400 Hz and the second frequency is 8 kHz.